

EPA request for supplemental technical analysis and other information to support Draft Feasibility review/revisions
November 20, 2013

1) Bed Elevation Comparisons - Please provide the GIS layer(s) that were used to produce Figure 2-76 "Spatial Comparison of Predicted and Measured Bed Elevation" from the Draft Feasibility Study.

2) Modeling Analysis - Please run the sediment transport model for the following events:

- Two-year event: Start the modeling on Jan 1, 2003. After 5 days of spin-up, start the sediment transport model and run it until February 28, 2003. Please provide hourly output of bed shear stress and critical shear stress values in each grid cell, and the values of bed shear stress and critical shear stress at time of peak flow on February 26th.
- Twenty-five year event: Please conduct a similar analysis on a period of the LWR hydrograph that encompasses a 25-year flood event, and provide similar output.

The overall objective for this request is to assess the potential for erodability under various stage floods.

3) Dredge production and dredge residuals analysis - Propose a process that incorporates the dredge production and dredge residuals recommendations in the Corps ERDC memos that EPA sent to the LWG on September 10, 2013.

4) EPA RALs - Propose a process that incorporates EPA's July 2011 RALs (also presented at the "all hands" meeting with the LWG last week) in the analysis of alternatives B, C and D.

5) CDF Disposal Options - Propose a process that incorporates the following analysis related to CDF disposal options:

- evaluate an option for T4 CDF disposal that includes addition/mixing of carbon amendments during placement, including methods, costs, feasibility, and effectiveness
- evaluate options for water treatment prior to discharge of potential overflows during the filling of the T4 CDF
- present Alternatives C through G without CDF construction (assume all dredged material is taken offsite), and the remedial options that would be used in the areas that were within the footprint of the CDFs.

6) Benthic Areas - Provide a recalculation of reduced and comprehensive benthic areas based on the EPA criteria and direction in the Final BERA. Provide to EPA as a GIS layer and summarize changes to previously provided estimates.

7) Native editable files for draft FS – Please provide the files (word etc, versions) to EPA.